

# Map & Photo Legend



SE-03 Zaikof Bay viewed from the northeast.



SE-03-03 Zaikof Bay viewed from the north.



SE-03-04a Zaikof Bay viewed from the north.

**FO-S** Free-oil Containment and Recovery, Shallow Water

**EX** Exclusion Booming

**DF-L** Deflection Booming, Live

**DV** Diversion Booming

**PR** Passive Recovery and Debris Removal, Marine Access

Protected-water Boom

Snare Line or Sorbent Boom

Tidal-seal Boom

**SR** Shoreside Recovery, Marine Access

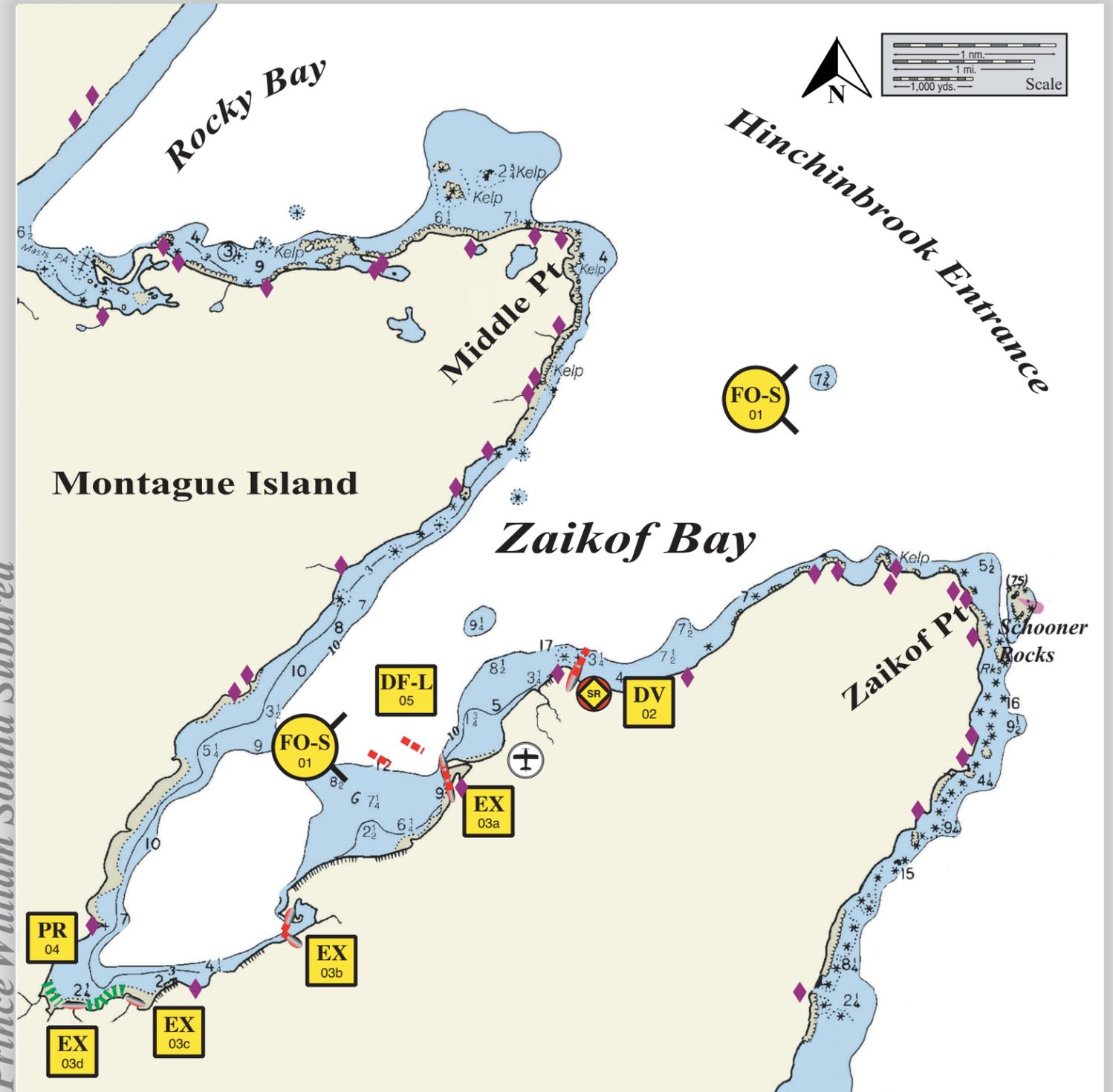
Gravel Air Strip (800 ft.)

Eagle Nest

## Geographic Response Strategies for Prince William Sound Subarea

# Zaikof Bay, PWS-SE03

Center of map at 60° 18.3' N Lat., 147° 00.9' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
PWS SE03-01	<b>Zaikof Bay</b> Nearshore waters in the general area of: Lat. 60° 18.79 N Lon. 146° 59.74 W	<b>Free-oil Recovery-Shallow Water</b> Maximize free-oil recovery in the offshore & nearshore environment of Zaikof Bay depending on spill source and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Zaikof Bay. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Marine	Marine Chart 16709-1	Same as PWS-SE03-02	Vessel master should have local knowledge.  Gulf of Alaska storms can produce extreme winds in Zaikof Bay. Williwaws are common and anchoring in protected spots is difficult.
PWS SE03-02	<b>Southern Shoreline</b> Lat. 60° 17.94 N Lon. 147° 00.16 W	<b>Divert and Collect</b> Divert oil to shoreside collection.	Deploy anchors and boom with vessels (class 3/4/6).  Place anchors at apex and ends of boom. If necessary, hold apex outside with vessel.  Set-up collection unit and tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 1000 ft. protected-water boom 100 ft. tidal-seal boom 7 ea. anchor systems (~20 lbs.) 4 ea. anchor systems (~40 lbs.) 1 ea. shoreside collection unit <b>Vessels</b> 2 ea. class 2 (transport) 4 ea. class 3/4 2 ea. class 6 <b>Personnel/Shift</b> 26 ea. vessel crews 3 ea. response techs <b>Tending</b> <b>Vessels</b> 4 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 14 ea. vessel crews 2 ea. response techs	Vessel platform	Marine Chart 16709-1  Primitive airstrip (800 ft. – good only for Super Cubs)	Intertidal spawning- salmon (April–Sept.), herring (April-May)  Marine mammals-sea otter  Birds-waterfowl concentration, shorebird concentration (April-May), eagle nests  Habitat-sheltered tidal flats  Human use- high recreation use, commercial fishing	NOAA Charts pre-2002 are inaccurate.  FOSC Historic Properties Specialist should INSPECT site prior to operations.  Title 41 permitting required from AKDNR for this site.  Surveyed: PWS GRS WG 7/24/02  Tested: 8/13/03 SERVS
PWS SE03-03	<b>Inlets</b> a. unnamed inlet Lat. 60° 17.20 N Lon. 147° 01.79 W b. unnamed inlet Lat. 60° 16.24 N Lon. 147° 03.80 W c. unnamed stream Lat. 60° 15.8 N Lon. 147° 07.7 W d. unnamed stream Lat. 60° 15.7 N Lon. 147° 06.5 W	<b>Exclusion</b> Exclude oil from entering unnamed inlets and streams on the south side of the bay.	Deploy anchors and boom with vessels (class 3/4/6).  Place tidal-seal boom across inter-tidal zone and protected-water boom around each inlet mouth.  Tend throughout the tide. <u>Boom Lengths:</u> a. 1500 ft. 250 ft. & 100 ft. tidal-seal b. 1000 ft. 2 x 100 ft. tidal-seal c. 100 ft tidal-seal d. 50 ft tidal-seal	<b>Deployment</b> <b>Equipment</b> 2500 ft. protected-water boom 700 ft. tidal-seal boom 12 ea. anchor systems (~20 lbs.) 10 ea. anchor systems (~40 lbs.) 16 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as PWS-SE03-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as PWS-SE03-02	Vessel platform	Marine Chart 16709-1	Same as PWS-SE03-02	Good anchorage at PWS-SE03-04a  Surveyed: PWS GRS WG 7/24/02  Tested: 8/13/03 SERVS
PWS SE03-04	<b>Beaches at head of bay</b> Lat. 60° 15.80 N Lon. 147° 06.73 W	<b>Passive Collection and Debris Removal</b> Collect oil impacting beaches at the head of the bay.	Deploy anchors and boom with vessels (class 3/4/6).  Place snare line or sorbent boom, depending on oil, on tidal flats. Tend daily.	<b>Deployment</b> <b>Equipment</b> 2000 ft. snare line or sorbent boom 40 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as PWS-SE03-02 <b>Tending</b> Same as PWS-SE03-02	Vessel platform	Marine Chart 16709-1	Same as PWS-SE03-02	Use snare boom for persistent oil and sorbent boom for non-persistent oil.  Surveyed: PWS GRS WG 7/24/02
PWS SE03-05	<b>Zaikof Bay</b> Lat. 60° 17.25 N Lon. 147° 02.50 W	<b>Deflection-Live</b> Deflect oil away from the shoreline in Zaikof Bay using live deflection.	Transport equipment by vessel (class 2).  Deploy anchors and boom with vessels (class 3/4/6).  Place boom at the proper angle to deflect oil away from the southern shoreline in Zaikof Bay.  Tend throughout the tide. <u>Boom Lengths:</u> 2 ea. 660 ft.	<b>Deployment</b> <b>Equipment</b> 1320 ft. open-water boom <b>Vessels/Personnel/Shift</b> Same as PWS-SE03-02 <b>Tending</b> Same as PWS-SE03-02	Vessel platform	Marine Chart 16709-1	Same as PWS-SE03-02	Surveyed: PWS GRS WG 7/24/02